

ABSTRACT

A method and data communication system for transferring multimedia data which stores on an application server a multimedia file including a plurality groups of multimedia data. Each group has a predetermined data size. Next, the system receives a client request and reads a client address at the application server. The client address corresponds to at least one client apparatus. Next, the system strips consecutive groups from the multimedia file and buffers the stripped groups in a staging buffer. Then, the system transfers to a streaming server, consecutive groups from the staging buffer and the client address. The system then converts at the streaming server, each of the consecutive groups received from the staging buffer into a format readable by the at least one client apparatus. Finally, the streaming server sends each of the converted groups to the at least one client apparatus.